

Gas manifold Model GMA

WIKA data sheet AC 61.25

Applications

- Central distribution, merging and control of gas flows in gas-insulated high-voltage and medium-voltage switchgear
- Connection of several measuring, monitoring and service components to a common gas compartment

Special features

- Valves can be isolated or coupled under pressure and vacuum
- Vacuum-resistant and pressure-tight (-1 ... +64 bar [-14.50 ... +928.24 psi]), except gas quick couplings
- Tested helium tightness of 100 %
- Operating temperature: -40 ... +80 °C [-40 ... +176 °F]
- Leakage rate: GCV, GCC, GCA, gas measuring chambers

Description

The gas manifold forms the central hub of a gas-carrying system. It enables the integration of multiple components such as gas density monitors, pressure sensors, gas measuring chambers, valves, gas quick couplings or gas analysis systems in a compact unit.

By bundling several connections in one manifold, piping effort, potential leakage points and assembly times can be reduced. At the same time, this improves the overview of the gas installation and accessibility for maintenance and service work.

The precisely manufactured sealing faces and high-quality materials ensure long-term reliability and safe gas handling throughout the service life of the switchgear.



Gas manifold, model GMA

Versions and configuration possibilities

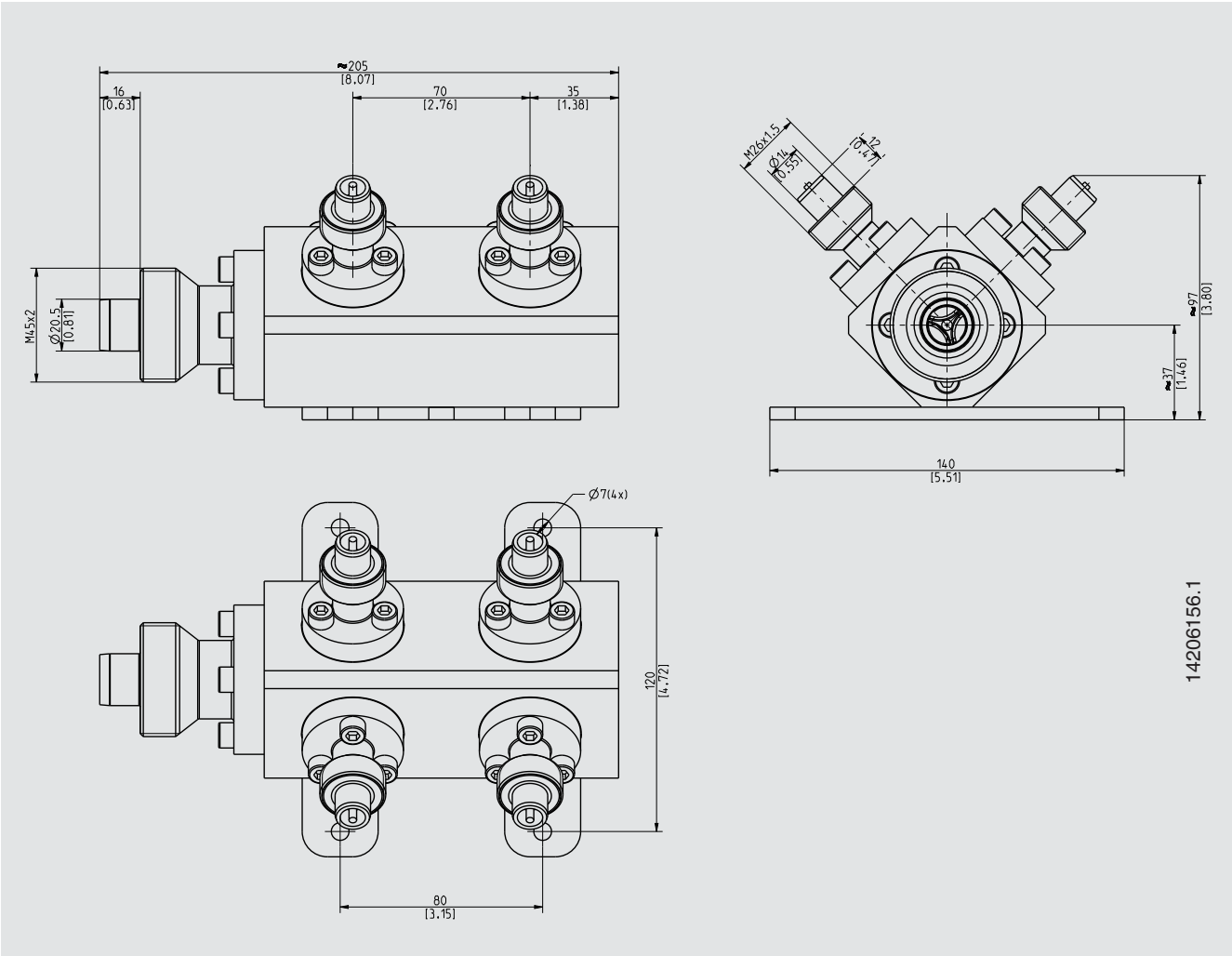
To meet different system concepts and customer requirements, the gas manifold is available in numerous versions and configurations. The number and arrangement of the connections can be individually adapted to the respective requirements.

Selectable version:

- Different connection sizes and nominal widths
- Various thread types and connection standards
- Variable number of inlets and outlets
- Integration of valves and shut-off devices
- Versions for SF₆ and alternative insulating gases
- Individual connection configurations
- Material and sealing variants
- Customer-specific manifolds and special solutions

In addition to the standard versions shown, further configurations, connection combinations and special versions are available. The product catalogue provides an overview of the available portfolio. Customer-specific solutions can be realised on request.

Dimensions in mm [in]



To order the described product, the order number is sufficient.

© 07/2026 WIKA Alexander Wiegand SE & Co. KG, all rights reserved.
The specifications given in this document represent the state of the art at the time of publishing.
We reserve the right to make modifications to the specifications and materials.



WIKA Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Straße 30
63911 Klingenberg/Germany
Tel. +49 9372 132-0
info@wika.de
www.wika.de